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<p>(84) Designated Contracting States: DE FR GB SE</p> <p>(30) Priority: 21.12.1995 US 576260</p> <p>(71) Applicant: NOKIA MOBILE PHONES LTD. 24101 Salo (FI)</p> <p>(72) Inventors:  <ul style="list-style-type: none"> <li>• Seppanen, Jorma 90100 Oulu (FI)</li> <li>• Valhoja, Juha 91910 Tupos (FI)</li> </ul> </p>	<ul style="list-style-type: none"> <li>• Lietsalmi, Mikko 90650 Oulu (FI)</li> <li>• Vanttila, Jaakko 90800 Oulu (FI)</li> </ul> <p>(74) Representative: Silingsby, Philip Roy et al NOKIA MOBILE PHONES, Patent Department, St. Georges Court, St. Georges Road, 9 High Street Camberley, Surrey GU15 3QZ (GB)</p>
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(54) **Multi-mode mobile terminal**

(57) A mobile station (10) maintains a single, prioritized list of all available networks (i.e., all public, residential, and private networks). Access to the various networks is then based on the user's needs. A first type of access is an automatic access, that requires little or no user involvement. A second type of access is to a user-specified network. A third type of access is to a user-specified service (e.g., data, fax, e-mail, etc.) that is supported by at least one of the networks. The mobile station can search for additional networks, and can also

search for additional networks that support only a specified type of service, or for a network that supports a service not supported by networks that are already in the list. All of the networks can be searched at once so that the user can readily make a selection from the single, prioritized network list. The network priorities are user programmable by moving network names up and down in the list using a mobile station user interface, such as the mobile station's keypad. The higher the network name is placed in the list, the higher is the priority of the network.

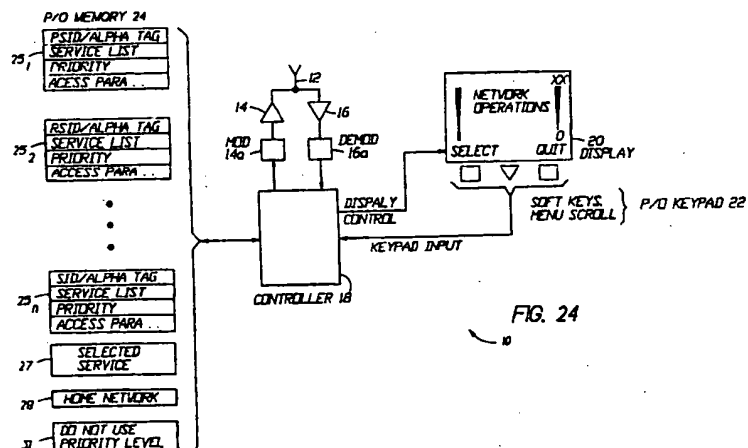


FIG. 24



European Patent  
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# EUROPEAN SEARCH REPORT

Application Number  
EP 96 30 8079

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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		23 August 1999	Janyszek, J-M
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 96 30 8079

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The members are as contained in the European Patent Office EDP file on  
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23-08-1999

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